UTILITY **PATENT APPLICATION TRANSMITTAL**

1393-002 Attorney Docket No. Bernardin First Inventor METHODS, APPARATUS AND ARTICLES-OF-MANUFACTURE FOR PROVIDING IMPROVED QUALITY-OF-SERVICE IN AN ALWAYS-LIVE DISTRIBUTED COMPUTING ENVIRONMENT

(Only for new nonprovisional applications under 37 CFR 1.53(b))

EL 467169123US Express Mail Label No.

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
	ts.		Was	hington,	DC 20	231	
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)			7. CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)				
2. Applicant claims small entity status. See 37 CFR 1.27.			Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
3. Specification [Total Pages [43]]			a. Computer Readable Form (CRF)				
 Descriptive title of the control of th		1	b. Specification Sequence Listing on:				
-	ng Fed sponsored R & D		i. U CD-ROM or CD-R (2 copies); or				
 Reference to seque or a computer progr 	am listing appendix		ii. paper				
 Background of the I Brief Summary of the 		-	c. Statements verifying identity of above copies				
 Brief Description of 	the Drawings (if filed)	<u> </u>					ON PARTS
 Detailed Description Claim(s) 	1				•	heet &	document(s))
- Abstract of the Disc	closure	1	f1 I I .	R 3.73(b) Sta there is an a		L	Power of Attorney
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 2]			11. English Translation Document (if applicable)				
5. Oath or Declaration [Total Pages 2]			12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations				
a. Newly executed (original or copy)			13. Preliminary Amendment				
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)			14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. <u>DELETION</u> Signed stateme	1	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
1.63(d)(2) and 1.33(b). (b)(2)				(B)(i). Applica			5 U.S.C. 122 form PTO/SB/35
6. Application Data Sheet. See 37 CFR 1.76 or its equivalent. 17. Other:							
	ION, check appropriate box, and s	supply the	requisite inform	ation below a	and in a p	relimii	nary amendment,
or in an Application Data Sheet u		ID)		09	7	//	174
Continuation Di		IP)	of prior applica		[J	''')	0-1
• •	Examiner L APPS only: The entire disclosure of	of the prior	Group Art Un application, from		th or decl	aration	is supplied under
Box 5b, is considered a part of the	For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPONDENCE ADDRESS							
Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label field) or Correspondence address below							
Name David Garrod, Ph.D., Esq.							
Hopgood, Calimafde, Judlowe & Mondolino, LLP							
Address 60	East 42nd Street				_		
		State	NY		Zip C	ode	10165
Country US	SA :	Telephone	212-55°	1-5000	Fa	X	949-2795
Name (Print/Type) Da	vid Garrod, Ph.D., E	sq. F	Registration N	o. (Attorney	(Agent)	35,1	149
Signature	1/12/ 0				Date	2	12/01

Burden Hour Statement: This form is esting as take 0% hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

02/05/01

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$)	1	,	0	9.	5	7
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Complete if Known				
Application Number				
Filing Date	2/2/01			
First Named Inventor	Bernardin			
Examiner Name				
Group Art Unit				
Attorney Docket No.	1939-002			

METHOD OF PAYMENT	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES					
Deposit	Large Small					
Account Number 08-2776	Entity Entity Fee Fee Fee Fee Fee Description	Fee Paid				
Denosit	Code (\$) Code (\$)	Teerala				
Account Name Hopgood, Calimafde et al.	105 130 205 65 Surcharge - late filing fee or oath					
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Applicant claims small entity status.	139 130 139 130 Non-English specification					
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination					
2. Payment Enclosed: Check Credit card Money Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action					
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action					
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month					
Large Entity Small Entity	116 390 216 195 Extension for reply within second month					
Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month					
Code (\$) Code (\$) Fee Paid 101 710 201 355 Utility filing fee	118 1,390 218 695 Extension for reply within fourth month					
106 320 206 160 Design filling fee	128 1,890 228 945 Extension for reply within fifth month					
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal					
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal					
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing					
	138 1,510 138 1,510 Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 355	140 110 240 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional					
Fee from Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)					
Total Claims 20 -20** = 590 X 4 = 590	143 440 243 220 Design issue fee					
Independent Claims X Y = ZOO	144 600 244 300 Plant issue fee					
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner					
	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)					
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection					
104 270 204 135 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))					
109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))					
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)					
and over original patent	169 900 169 900 Request for expedited examination of a design application					
SUBTOTAL (2) (\$) 740	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	David Garrod, Ph.D., Esq.	Registration No. (Attorney/Agent) 35,149	Telephone 212-551-5000
Signature	4/05		Date 2/2/01

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